

$$\left\{ \begin{array}{l} a \geq 0 \\ b > 0 \end{array} \right\} \rightarrow \left\{ \begin{array}{l} a \geq 0 \\ b > 0 \\ a = b * 0 + a \end{array} \right\} \quad \left\{ \begin{array}{l} a \geq 0 \\ b > 0 \\ a = b * 0 + a \end{array} \right\} q := 0 \left\{ \begin{array}{l} a \geq 0 \\ b > 0 \\ a = b * q + a \end{array} \right\}$$

$$\left\{ \begin{array}{l} a \geq 0 \\ b > 0 \end{array} \right\} q := 0 \left\{ \begin{array}{l} a \geq 0 \\ b > 0 \\ a = b * q + a \end{array} \right\}$$

$$\left\{ \begin{array}{l} a \geq 0 \\ b > 0 \\ a = b * q + a \end{array} \right\} r := a \left\{ \begin{array}{l} r \geq 0 \\ b > 0 \\ a = b * q + r \end{array} \right\}$$

$$\left\{ \begin{array}{l} a \geq 0 \\ b > 0 \end{array} \right\} q := 0; r := a \left\{ \begin{array}{l} r \geq 0 \\ b > 0 \\ a = b * q + r \end{array} \right\}$$